ABSTRACT OF THE DISCLOSURE

A plurality of fragment data and a plurality of fragment configuration information, created one for each fragment data,

5   to concatenate the plurality of fragment data in a receiving side to generate structured data having a tree structure are received. Each piece of fragment configuration information includes reference information having identification information identifying corresponding fragment data from the

10   plurality of fragment data and position information on the connection position of the corresponding fragment data in the generated structured data. The received fragment data is concatenated to generate structured data based on the position information and the reference information included in the

15   received fragment configuration information.